

ABSTRACT OF THE DISCLOSURE

A method of controlling an array antenna part having a plurality of antenna elements arranged at a predetermined interval, includes the steps of
5 obtaining a predetermined evaluation function with respect to each of weighting coefficients to be applied to incoming signals arriving at a predetermined number of antenna elements, by perturbing each of the weighting coefficients at a 10 sampling interval which is within one symbol time, and adjusting each of the weighting coefficients based on the evaluation function.

15

20

25

30

35